

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 3434 | 455/456.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/04 06:16 |
| L2    | 0    | 1 and (ringback)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/04 06:16 |
| L3    | 7    | 1 and (ringback)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/04 06:24 |
| L4    | 2    | ((location or position) near3<br>(mobile or cellular or wireless))<br>same (ringback) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/04 06:29 |
| L5    | 0    | ("2005/0096006").URPN.  | USPAT  | OR               | ON      | 2008/02/04 06:29 |
| L6    | 223  | ((location or position) near3<br>(mobile or cellular or wireless))<br>and (ringback)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/04 06:29 |
| L7    | 115  | ((location or position) same<br>(mobile or cellular or wireless))<br>same (ringback)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/04 06:37 |

## EAST Search History

|     |     |  |  |    |    |                  |
|-----|-----|--|--|----|----|------------------|
| L8  | 5   | ((location or position) same (mobile or cellular or wireless)) same (ringback).ab.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/04 06:37 |
| L9  | 143 | ((location or position) same (mobile or cellular or wireless)) same (ringback or ring\$back)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/04 06:44 |
| L10 | 19  | ((location or position) same (mobile or cellular or wireless)) same (ringback or (ring\$back)).ab.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/04 06:37 |
| L11 | 19  | ((location or position) same (mobile or cellular or wireless)) same (ringback or ring\$back).ab.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/04 06:49 |
| L12 | 58  | (location or position) same (ringback or ring\$back).ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/04 06:53 |
| L13 | 219 | ((register\$3 with (position or location)) same (wireless or mobile)) and (ringback or ring\$back)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/04 06:54 |
| L14 | 51  | ((register\$3 with (position or location)) same (wireless or mobile)) and (ringback or ring\$back).ab. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/04 07:04 |

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|     |        |   |  |    |     |                  |
|-----|--------|---|--|----|-----|------------------|
| L15 | 4      | ("6603844").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/04 07:04 |
| S1  | 22575  | kim.in.   | USPAT  | OR | OFF | 2006/08/29 09:37 |
| S2  | 1917   | ((ringback or (ring adj back) or<br>(call adj waiting) ) adj tone) or<br>RBT or CWT | USPAT  | OR | OFF | 2006/10/15 17:31 |
| S3  | 443332 | (wireless or portable or cellular or<br>mobile)                                     | USPAT  | OR | OFF | 2006/08/29 10:15 |
| S4  | 12009  | (replac\$4 or chang\$3 or modify\$3)<br>with (tone)                                 | USPAT  | OR | OFF | 2006/08/29 10:16 |
| S5  | 51     | S2 and S3 and S4  | USPAT  | OR | OFF | 2006/08/30 08:46 |
| S6  | 51     | S2 and S3 and S4  | USPAT  | OR | OFF | 2006/08/29 14:50 |
| S7  | 0      | ("20050243989").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/08/29 10:34 |
| S8  | 4      | ("20050243989").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 10:35 |
| S9  | 0      | ("WO2004023833").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 10:35 |
| S10 | 0      | ("WO2004023833").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 10:35 |
| S11 | 0      | ("WO-2004023833").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 10:35 |

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|     |   |  |  |    |     |                  |
|-----|---|--|--|----|-----|------------------|
| S12 | 7 | ("2004023833").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 10:36 |
| S13 | 5 | ("200402383").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 13:34 |
| S14 | 0 | ("WO2004023833").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 10:37 |
| S15 | 4 | ("7010112").PN.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 10:37 |
| S16 | 3 | ("4811382"   "5926537"  <br>"6603844").PN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/08/29 10:38 |
| S17 | 0 | ("WO2004023833").PN.                       | USPAT;<br>USOCR  | OR | OFF | 2006/08/29 10:40 |
| S18 | 0 | ("WO2004023833").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/08/29 10:40 |
| S19 | 0 | ("WO2004023833").PN.                       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/08/29 10:42 |
| S20 | 0 | WO2004023833                               | USPAT  | OR | OFF | 2006/08/29 10:42 |
| S21 | 0 | "2004023833"                               | USPAT  | OR | OFF | 2006/08/29 10:42 |
| S22 | 0 | ("2004023833").PN.                         | USPAT;<br>USOCR  | OR | OFF | 2006/08/29 10:43 |

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|     |        |   |  |    |     |                  |
|-----|--------|---|--|----|-----|------------------|
| S23 | 7      | ("2004023833").PN.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2006/08/29 10:43 |
| S24 | 1      | ("6603844").PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/08/29 11:12 |
| S25 | 1      | ("5926537").PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/08/29 11:13 |
| S26 | 7      | ("2004023833").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/29 13:34 |
| S27 | 1      | ("7010112").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/08/29 13:53 |
| S28 | 1      | ("6603844").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/08/29 14:50 |
| S29 | 1917   | ((ringback or (ring adj back) or<br>(call adj waiting) ) adj tone) or<br>RBT or CWT | USPAT  | OR | OFF | 2006/08/30 08:46 |
| S30 | 443339 | (wireless or portable or cellular or<br>mobile)                                     | USPAT  | OR | OFF | 2006/08/30 08:46 |
| S31 | 12010  | (replac\$4 or chang\$3 or modify\$3)<br>with (tone)                                 | USPAT  | OR | OFF | 2006/08/30 08:46 |
| S32 | 51     | S29 and S30 and S31   | USPAT  | OR | OFF | 2006/08/30 08:46 |
| S33 | 7      | S32 and HLR   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/30 08:59 |
| S34 | 1      | ("6603844").PN.   | USPAT;<br>USOCR  | OR | OFF | 2006/08/30 08:59 |
| S35 | 2443   | (ring adj back adj tone\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/31 14:44 |

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|     |       |                                      |  |    |     |                  |
|-----|-------|--------------------------------------|--|----|-----|------------------|
| S36 | 2     | (ring adj back adj tone\$2) near HLR | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/31 14:45 |
| S37 | 2     | (ring adj back adj tone\$2) near HLR | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/31 14:52 |
| S38 | 16    | (ring adj back adj tone\$2) with HLR | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/08/31 14:52 |
| S39 | 10000 | park.in.                             | USPAT  | OR | OFF | 2006/09/06 10:50 |
| S40 | 158   | (jong adj hyun).in.                  | USPAT  | OR | OFF | 2006/09/06 10:53 |
| S41 | 9     | (jong near hyun near park).in.       | USPAT  | OR | OFF | 2006/09/06 10:56 |
| S42 | 10000 | park.in.                             | USPAT  | OR | OFF | 2006/09/06 11:02 |
| S43 | 470   | park near jong.in.                   | USPAT  | OR | OFF | 2006/09/06 11:02 |
| S44 | 1     | ("20030053424").PN.                  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/09/07 09:20 |
| S45 | 0     | ("wo2004021690").PN.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/15 17:32 |
| S46 | 5     | ("2004021690").PN.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/15 17:32 |

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|     |   |                    |  |    |     |                  |
|-----|---|--------------------|--|----|-----|------------------|
| S47 | 5 | ("2003001624").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/15 17:33 |
|-----|---|--------------------|--|----|-----|------------------|